

# Alaska Department of Environmental Conservation

**Spill Prevention and Response  
Prevention Preparedness and Response Program**



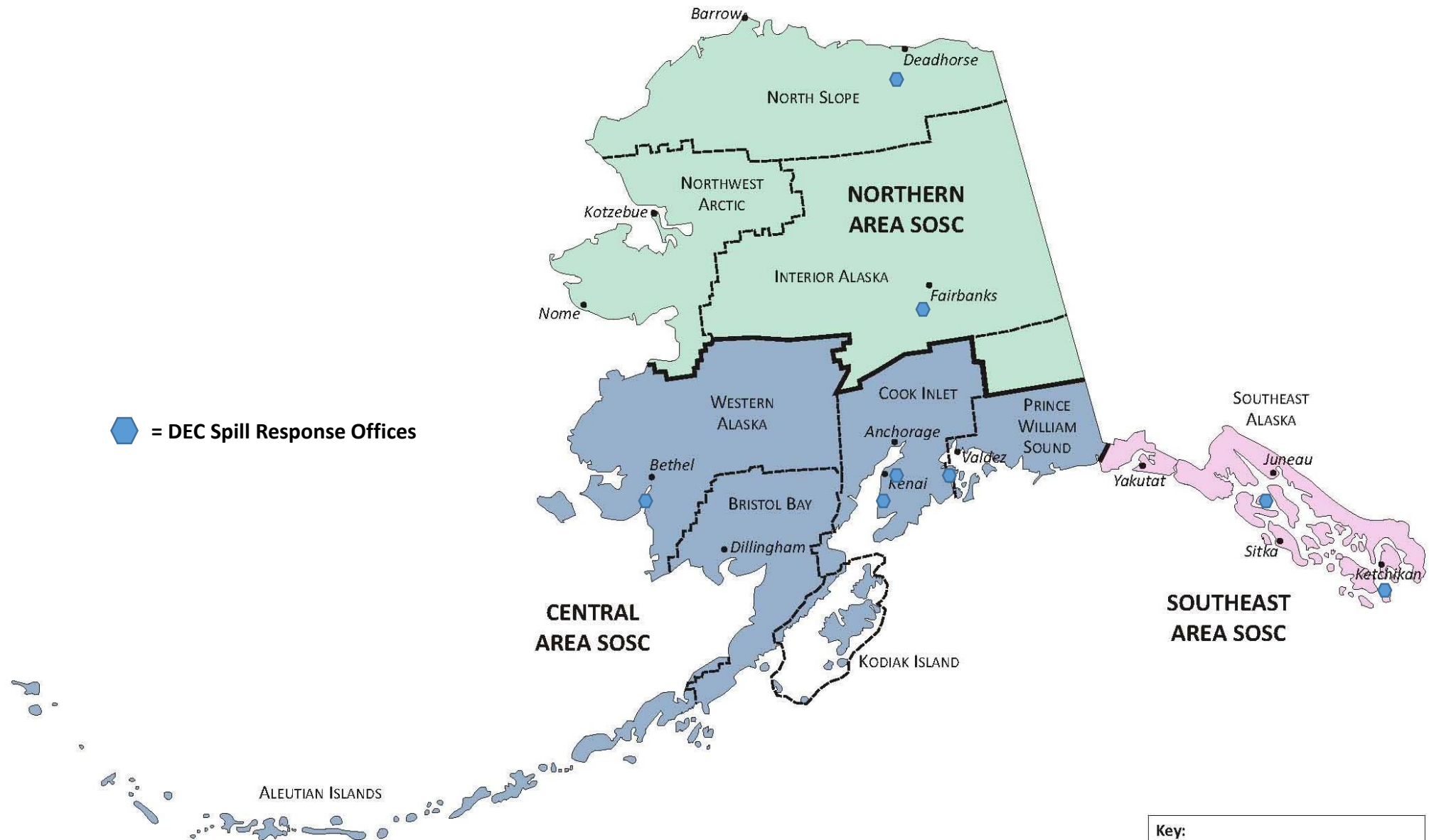


## Division of Spill Prevention and Response (SPAR)

Response Fund  
Administration

Prevention,  
Preparedness and  
Response Program  
(PPRP)

Contaminated Sites  
Program



















# REPORTING

# Reporting (18 AAC 75.300)

## **Oil – Petroleum Products**

- Reportable Immediately
  - Any amount spilled to water (this includes tundra)
  - 55 gallons or more spilled to land
- Reportable in 48 hours
  - 10-55 gallons spilled to land
  - 55 gallons or more spilled to secondary containment
- Reported on a Monthly Basis
  - 1-10 gallons(single or cumulative event)

## **Hazardous Substances**

- Any hazardous substance spill, other than oil, must be reported immediately
- Examples of hazardous substances
  - Glycol
  - Methanol
  - Sodium Cyanide
  - Anhydrous Ammonia
  - Calcium Chloride
  - Drilling Mud





ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
**OIL & HAZARDOUS SUBSTANCES SPILL NOTIFICATION FORM**

ADEC USE ONLY

|  |  |   |   |  |  |
|--|--|---|---|--|--|
| ADEC SPILL #:  |  | ADEC FILE #:  |   | ADEC LC:   |  |
| PERSON REPORTING:  |  | PHONE NUMBER:   |   | REPORTED HOW? (ADEC USE ONLY)<br><input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> PERS <input type="checkbox"/> E-mail |  |
| DATE/TIME OF SPILL:  |  | DATE/TIME DISCOVERED:   |   | DATE/TIME REPORTED TO ADEC:  |  |
| INCIDENT LOCATION/ADDRESS:   |  | DATUM: <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83<br><input type="checkbox"/> WGS84 <input type="checkbox"/> Other |   | PRODUCT SPILLED:   |  |
|  |  | LAT.  |   |  |  |
|  |  | LONG.   |   |  |  |
| QUANTITY SPILLED:<br><input type="checkbox"/> gallons<br><input type="checkbox"/> pounds | QUANTITY CONTAINED:<br><input type="checkbox"/> gallons<br><input type="checkbox"/> pounds | QUANTITY RECOVERED:<br><input type="checkbox"/> gallons<br><input type="checkbox"/> pounds  | QUANTITY DISPOSED:<br><input type="checkbox"/> gallons<br><input type="checkbox"/> pounds |  |  |
| POTENTIAL RESPONSIBLE PARTY:   |  | OTHER PRP, IF ANY:  |   | VESSEL NAME:   |  |
| Name/Business:   |  |   |   |  |  |
| Mailing Address:   |  |   |   | VESSEL NUMBER:   |  |
|  |  |   |   |  |  |
| Contact Name:  |  |   |   | > 400 GROSS TON VESSEL:  |  |
| Contact Number:  |  |   |   | <input type="checkbox"/> Yes <input type="checkbox"/> No   |  |
| SOURCE OF SPILL:   |  |   |   | CAUSE CLASSIFICATION:  |  |
| CAUSE OF SPILL:<br><input type="checkbox"/> Under Investigation                          |  |   |   | <input type="checkbox"/> Accident  |  |
|  |  |   |   | <input type="checkbox"/> Human Factors   |  |
|  |  |   |   | <input type="checkbox"/> Structural/Mechanical   |  |
|  |  |   |   | <input type="checkbox"/> Other   |  |
| CLEANUP ACTIONS:   |  |   |   |  |  |
|  |  |   |   |  |  |
| DISPOSAL METHODS AND LOCATION:   |  |   |   |  |  |
|  |  |   |   |  |  |
| AFFECTED AREA SIZE:  | SURFACE TYPE: (gravel, asphalt, name of river etc.)  |   | RESOURCES AFFECTED/THREATENED: (Water sources, wildlife, wells, etc.)                     |  |  |
| COMMENTS:  |  |   |   |  |  |
|  |  |   |   |  |  |

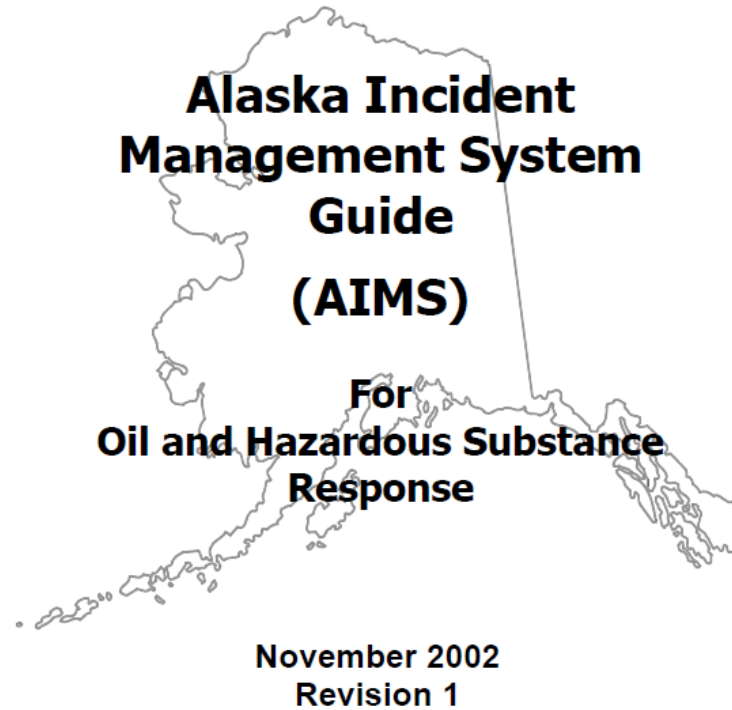
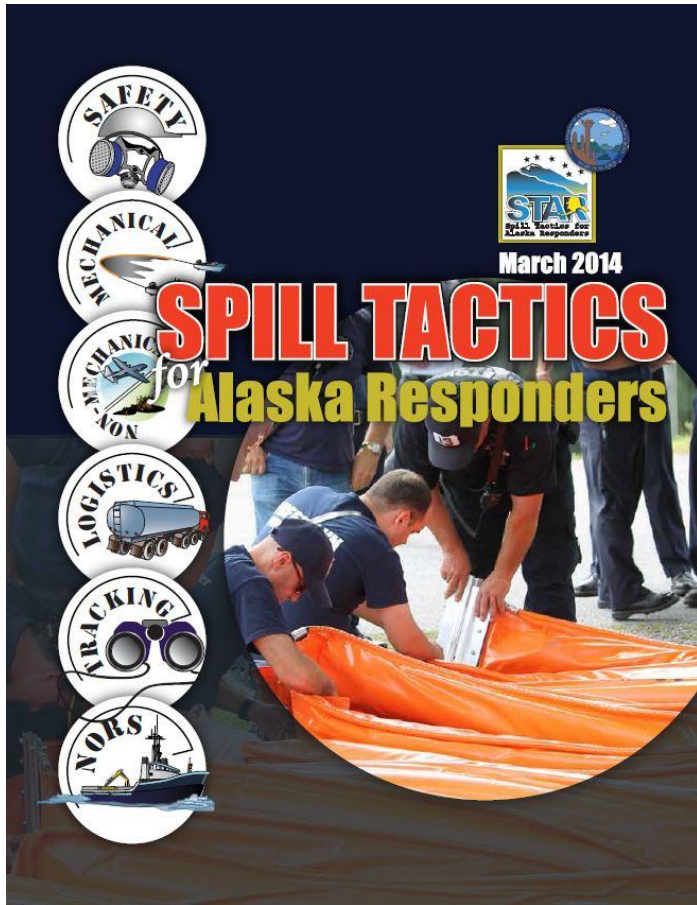
A photograph showing spill response equipment. In the background, there is a large, grey, cylindrical absorbent boom or pad. To its right is a grey rectangular container, possibly for absorbent socks or pads. In the foreground, several white, rectangular absorbent pads are laid out on a dark, wet surface. The pads have a textured, absorbent surface. The text "SPILL RESPONSE" is overlaid in the center of the image.

# SPILL RESPONSE



# General Overview of the Cleanup Process

- A responsible party ***must contain and control*** a release
- Potentially hire an ***environmental contractor***
- May receive a ***State Letter of Interest*** from ADEC
- ADEC may send responders on site, ADEC may request ***site updates and photos*** from the responsible party
- Even if a release is small ***delineation*** may be required, ADEC may ask/request that this be done
- ***Contaminant removal*** performed (if possible) with the approval of ADEC
- Sometimes, even on small spills, ***sampling*** may be required
- ***Proper disposal*** of contaminated product requiring ADEC approval
- ADEC requires a ***final report*** be submitted within 15 days after cleanup




*Safety is paramount during all responses regardless of size and complexity.*





State of Alaska

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Alaska Department of Environmental Conservation

Spill Prevention and Response

DEC

State of Alaska

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SPAR PROGRAMS

Contaminated Sites

Industry Preparedness

Prevention and Emergency Response

Response Fund Administration

INFORMATION

Report a Spill

About Us

Recent Spill Responses

Approvals and Permits

Guidance and Forms

RESPONSE UPDATES -- ACTIVE RESPONSES


Please contact the webmaster to inquire about the availability of SitReps and related information for responses earlier than July 1, 2003.

Active [FY04](#) [FY05](#) [FY06](#) [FY07](#) [FY08](#) [FY09](#) [FY10](#) [FY11](#) [FY12](#) [FY13](#) [FY14](#) [FY15](#)

| Last Update | Spill Date | Spill Name  | Area | Product                          |
|-------------|------------|---|------|----------------------------------|
| 10/05/2012  | 10/04/2012 | <a href="#">Faulkner Walsh Kwethluk Barge</a>                         | CART | diesel, other noncrude           |
| 10/15/2012  | 10/12/2012 | <a href="#">Tug Capt. Hendren Grounding near St. Michael</a>          | NART | potential                        |
| 12/06/2012  | 11/07/2012 | <a href="#">St. Lawrence Oiled Wildlife</a>                           | NART | unknown                          |
| 05/30/2013  | 05/27/2013 | <a href="#">Alaska Petroleum Dalton Highway MP 81.5 Fuel Release</a>  | NART | diesel                           |
| 11/12/2013  | 11/1/2013  | <a href="#">F/V Arctic Hunter Grounding</a>                           | CART | diesel, other petroleum products |
| 12/13/2013  | 12/11/2013 | <a href="#">St. Lawrence Oiled Wildlife: December 2013</a>            | NART | unknown                          |
| 05/15/2014  | 02/11/2014 | <a href="#">Dalton Highway Truck Rollover MP 309.5 Diesel Release</a> | NART | diesel                           |
| 12/23/2014  | 06/04/2014 | <a href="#">Shishmaref Chukchi Sea Sheen</a>                          | NART | unknown                          |
| 12/17/2014  | 12/14/2014 | <a href="#">Wiseman Corner Rollover 1,200 Gallon Diesel</a>           | NART | diesel                           |
| 12/17/2014  | 12/15/2014 | <a href="#">Kuparuk Pad 1B Hard Line Leak</a>                         | NART | drilling mud, brine, diesel      |
| 01/30/2015  | 01/19/2015 | <a href="#">F/V Eyak Grounding (FINAL) ★</a>                          | SART | potential                        |
| 02/17/2015  | 02/16/2015 | <a href="#">F/V Savannah Ray Grounding ★</a>                          | CART | potential                        |
| 02/27/2015  | 02/22/2015 | <a href="#">Auke Bay Harbor Used Oil Spill (FINAL) ★</a>              | SART | used oil                         |
| 03/03/2015  | 02/25/2015 | <a href="#">Colville Truck Rollover Dalton Highway MP 86 ★</a>        | NART | diesel                           |
| 03/18/2015  | 02/28/2015 | <a href="#">Milne Point Tract 14 Production Line Release ★</a>        | NART | crude, process water             |
| 03/24/2015  | 03/24/2015 | <a href="#">Tena Trucking Dalton Highway MP 58.6 Truck Rollover ★</a> | NART | diesel                           |
| 04/23/2015  | 04/21/2015 | <a href="#">Big State Logistics MP271 Parks Hwy Rollover ★</a>        | NART | aviation fuel                    |

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Division of Spill Prevention and Response

Prevention and Emergency Response

DEC

State of Alaska

State of Alaska > DEC > SPAR > PERP > Incident Home

BIG STATE LOGISTICS MP271 PARKS HWY ROLLOVER

|                       |  |
|-----------------------|--|
| Location              | Parks Highway milepost 271, approximately 20 miles north of Healy.   |
| Product/Quantity      | It is currently estimated by Big State Logistics, Inc. that 2,000 gallons of JP-8 aviation fuel was released to State-owned land, in the DOT right-of-way.   |
| Cause                 | : Vehicle accident. A Big State tanker-trailer hauling JP-8 aviation fuel on the Parks Highway left the road and rolled over, damaging the front tanker. Fuel was released when the front tanker compartment was ruptured during the incident. The cause of the incident is under investigation. |
| Time/Date of Incident | The incident occurred at approximately 2:30 a.m. on April 21, 2015. Big State reported the incident to the ADEC after-hours phone service at 2:45 a.m.   |

PHOTOS

Images may be downloaded for free and used in publications provided credit is given to the source.

Photo Date: April 21, 2015









Photo Date: April 22, 2015



Situation Reports

04/23/2015 ★

04/21/2015

For more info contact:

Tom DeRuyter, State On-Scene Coordinator, ADEC (907) 451-2145



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Spill Prevention and Response  
Prevention and Emergency Response Program  
**SITUATION REPORT**

CHANGES FROM PREVIOUS SITUATION REPORT DENOTED IN RED TEXT.

**Big State Logistics MP271 Parks Hwy Rollover**

SITREP #: 2

SPILL #: 15309911101

TIME/DATE OF DISTRIBUTION: 5:00 p.m. April 23, 2015

POTENTIAL RESPONSIBLE PARTY (PRP): Big State Logistics, Inc. (BSL)

INCIDENT LOCATION: Parks Highway milepost 271, approximately 20 miles north of Healy.

TIME/DATE OF SPILL: The incident occurred at approximately 2:30 a.m. on April 21, 2015.

HOW/WHEN SPILL WAS DISCOVERED: Big State reported the incident to the ADEC after-hours phone service at 2:45 a.m.

TYPE/AMOUNT OF PRODUCT SPILLED: It is currently estimated by Big State Logistics, Inc. that 1908 gallons of JP-8 aviation fuel was released to State-owned land, in the DOT right-of-way.

CAUSE OF SPILL: Vehicle accident. A Big State tanker-trailer hauling JP-8 aviation fuel on the Parks Highway left the road and rolled over, damaging the front tanker. Fuel was released when the front tanker compartment was ruptured during the incident. The cause of the incident is under investigation.

SOURCE CONTROL: The tractor and tankers were removed from the site at 12:30 p.m. on April 21, 2015.

RESPONSE ACTION: The Healy and Tri-Valley fire departments arrived on scene shortly after the incident occurred on April 21, 2015, and recovered approximately 250 gallons of fluids with absorbent pads and boom. BSL dispatched their response truck and crew to the incident. ADEC dispatched two responders from Fairbanks. A vac-truck (supplied by Emerald) and an empty tanker for recovery were also sent to the site. Responders pumped fuel from the ditch with a small pump into 55 gallon barrels and used the vac-truck to recover 905 gallons of fluids throughout the day. Sorbent material was laid down on the roadway to collect spilled fuel and prevent further spread of fuel. Responders placed absorbent boom and pads around a culvert approximately 60 feet north of the spill site in order to prevent further spread of fuel. Traffic control has been established in the area. BSL activated environmental consultant Alaska Resources & Environmental Services (ARES). ADOT approved the initial removal of fuel-saturated soil from around the release point to prevent migration of fuel back to the roadway. Excavation activities continued on April 22, 2015 and most of the contaminated material was removed and transported to Organic Incineration Technology's (OIT) facility in Moose Creek, AK. As of April 23, 2015, approximately 170 cubic yards of contaminated material have been removed from the spill site. Structural damage to the roadway has occurred due to the length of time the asphalt was exposed to spilled fuel. ADOT has requested replacement of the affected stretch of highway.



Big State Logistics MP271 Parks Hwy Rollover

Sitrep 2

April 23, 2015

RESOURCES AFFECTED: No reports of wildlife impact. No utilities located in the affected area.

FUTURE PLANS AND RECOMMENDATIONS: ADEC representatives will continue to be on site to evaluate the response and cleanup activities. A plan for the excavation and replacement of the compromised asphalt will be developed and executed following agency approvals.

WEATHER: Today: Clear skies, sunny, high temperatures near 39°F, winds from west-southwest at 7 mph.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Mervin Gilbertson, Big State Logistics, Inc.

SOSC: Tom DeRuyter, ADEC

Field SOSC: Wes Ghormley, ADEC

TIME/DATE OF THE NEXT REPORT DISTRIBUTION: As situation warrants.

FOR ADDITIONAL INFORMATION CONTACT: Ashley Adamczak, ADEC (907) 451-2124

[\[dec.alaska.gov/spar/perp/response/sr\\_active.htm\]](http://dec.alaska.gov/spar/perp/response/sr_active.htm)

AGENCY/STAKEHOLDER NOTIFICATION LIST: Please see the first situation report for a list of agency and stakeholder notifications.

Big State Logistics MP271 Parks Hwy Rollover

Sitrep 2

April 23, 2015



Figure 1. Excavator works to remove the contaminated material from the ditch on the east side of the Parks Highway, April 22, 2015. (Photo/ADEC-Ghormley)



An aerial view of a large-scale environmental remediation project. The site is a flat, grassy field. In the foreground and middle ground, there are several containment areas delineated by orange plastic barriers and white flags. Workers in high-visibility vests are visible within these areas. In the background, a large white tanker truck is parked on a paved area, along with several pickup trucks. A long, low structure, possibly a bridge or a pipeline, runs across the horizon under a hazy sky.

**CONTAIN, CONTROL & DELINEATE**















# CONTAMINATED MATERIAL REMOVAL





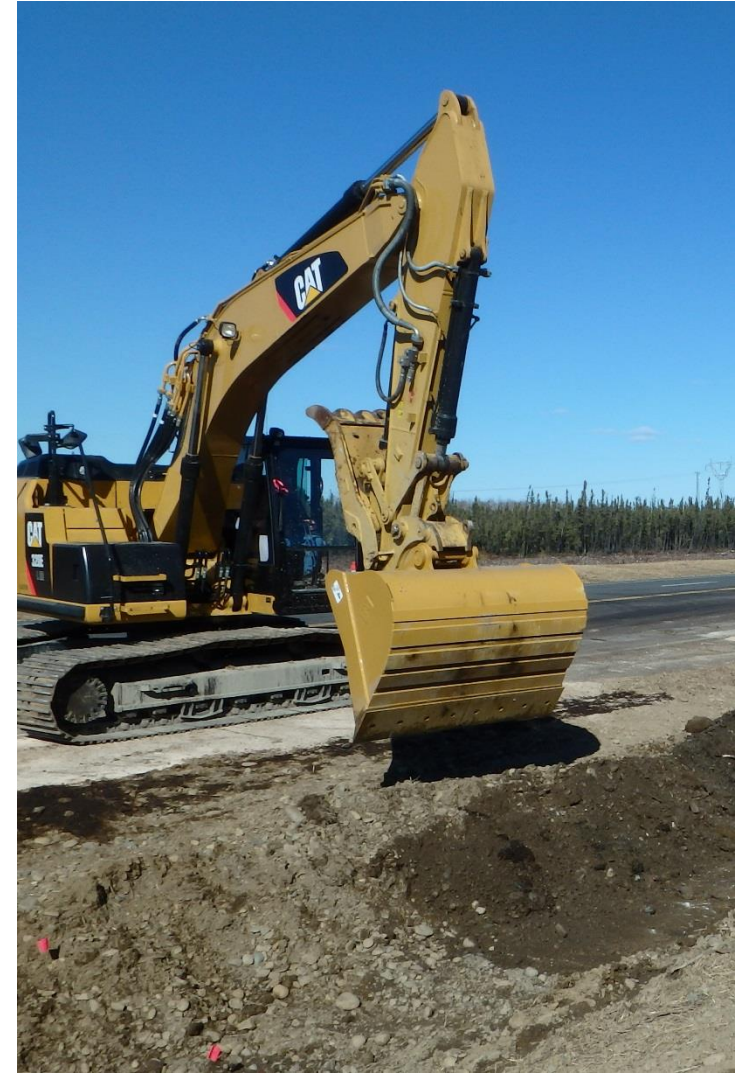




# RESPONSIBLE CLEANUP TACTICS











# INTERIM ACTIONS







The background image is a faded, semi-transparent photograph of a construction or mining site. It features large pieces of heavy machinery, including what appears to be a drill rig or a large excavator, with various pipes, hoses, and mechanical components visible. To the left, there are tall, thin evergreen trees. The overall scene is somewhat hazy, suggesting a misty or overcast day. The text is overlaid on this background.

# **ENVIRONMENTAL CONSULTANTS: FIELD SCREENING AND SAMPLE COLLECTION**









DISPOSAL





ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SPILL PREVENTION AND RESPONSE  
Contaminated Sites and Prevention and Emergency Response Programs

Transport, Treatment, & Disposal Approval Form for Contaminated Media

|   |                                    |                             |                   |
|---|------------------------------------|-----------------------------|-------------------|
| DEC HAZARD/SPILL ID #   | NAME OF SPILL OR CONTAMINATED SITE |                             |                   |
| SITE OR SPILL LOCATION  |                                    |                             |                   |
| CURRENT LOCATION AND TYPE OF CONTAMINATED MEDIA   |                                    | SOURCE OF THE CONTAMINATION |                   |
| COMPOUNDS OF CONCERN  |                                    | ESTIMATED VOLUME            | DATE(S) GENERATED |
| POST TREATMENT ANALYSIS REQUIRED (such as GRO, DRO, RRO, BTEX, and/or Chlorinated Solvents) |                                    |                             |                   |
| COMMENTS  |                                    |                             |                   |

Facility Accepting the Contaminated Media

|                      |                               |
|----------------------|-------------------------------|
| NAME OF THE FACILITY | PHYSICAL ADDRESS/PHONE NUMBER |
|----------------------|-------------------------------|

Responsible Party and Contractor Information

|               |                      |
|---------------|----------------------|
| BUSINESS/NAME | ADDRESS/PHONE NUMBER |
|---------------|----------------------|

Name of the Person Requesting Approval (printed)

Title/Association

Signature

Date

Phone Number

-----DEC USE ONLY-----

Based on the information provided, ADEC approves transport of the above-described media for treatment in accordance with the approved facility operations plan. The Responsible Party or their consultant must submit to the DEC Project Manager a copy of weight/volume receipts of the loads transported to the facility and a post treatment analytical report. If the media is contaminated soil, it shall be transported as a covered load in compliance with 18 AAC 60.015.

DEC Project Manager Name (printed)

Project Manager Title

Signature

Date

Phone Number







# CLOSURE AND FINAL REPORT









QUESTIONS?

